



PATENT ABSTRACTS OF JAPAN

(11) Publication number: **2000230414 A**(43) Date of publication of application: **22.08.00**

(51) Int. Cl. **F01N 3/20**
B01D 53/94
B01J 20/02
B01J 20/08
B01J 23/42
B01J 29/072
F01N 3/08
F01N 3/10
F01N 3/28

(21) Application number: **2000028232**(22) Date of filing: **04.02.00**(30) Priority: **09.02.99 US 99 248189**(71) Applicant: **FORD GLOBAL TECHNOL INC**

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(54) **CONVERTING METHOD OF DIESEL ENGINE
EXHAUST GAS UTILIZING NITROGEN OXIDES
ABSORBER**

hydrocarbons, ammonia or urea may be injected into a location proximate to the second catalyst component.

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a catalyst system permitting efficient reduction of nitrogen oxides and oxidization of hydrocarbons and carbon monoxide contained in diesel engine exhaust gas at relatively low temperatures in an oxidizing condition.

SOLUTION: This method relates to processing of exhaust gas generated by a diesel engine by treating two kinds of catalyst components disposed in series in an exhaust gas passage. A first catalyst component which is exposed to oxidizing diesel engine exhaust gas and disposed proximate to the engine, is a nitrogen oxides absorber made of support materials supporting a precious metal. The other catalyst component is a catalyst like a lean NOx or SCR catalyst which can convert contacting exhaust streams including reduction of nitrogen oxides released from the former catalyst component into nitrogen N₂ or nitrogen monoxide N₂O. To promote such reduction, substances like

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